



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

April 23, 2007

Mr. Jim Sullivan
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
110 E. Adams Street
Springfield, IL 62701-1109

Follow-up Information

IEMA Incident No.: H2007-0464

NRC Incident No.: 832329

Will Co. EMA Incident No.: 0704169081

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Mr. Sullivan:

This follows up the telephone notification made on April 16, 2007 to Illinois Emergency Management Agency (IEMA – Report No. 2007-0464), National Response Center (NRC – Report No. 832329) and Will County Emergency Management Agency (Will Co. EMA – Report No. 0704169081) regarding a planned maintenance event. This also satisfies Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On April 16, 2007 at 6:37 a.m., the refinery's South Plant flare gas recovery compressor (844GB-401) was shut down to perform planned maintenance and inspection of the compressor. This shutdown was a planned maintenance activity, pursuant to Condition 7.7.5.b. of the refinery's Clean Air Act Permit Program (CAAPP) permit no. 96030079 (otherwise known as "Title 5" permit).

Reliefs and purges to the flare had been minimized prior to the shutdown, and the refinery operations were held stable during the exchanger shell repair. The work was planned so that necessary materials were available prior to the commencement of the work, and work progressed continuously throughout the shutdown.

At 4:40 p.m. a.m. on April 22, the compressor was restarted and the flaring ended. The total period of flaring was 6 days 10 hours.

At the time of the event, it was anticipated that the reportable quantity threshold for sulfur dioxide (CAS RN = 7446-09-5) and nitrogen dioxide (NO₂, CAS RN = 10102-44) would be exceeded prior to restarting the compressor. Subsequent calculations showed the following emissions:

<i>Pollutant</i>	<i>CAS Registry No.</i>	<i>Total Amount Emitted for event (lb.)</i>
Sulfur Dioxide	7446-09-05	118,640
Nitrogen Dioxide	10102-44-0	861
Particulate Matter		0
Carbon Monoxide		4,683
Organic Matter		1,772

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office ✓



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

June 19, 2007

Illinois Environmental Protection Agency
Office of Emergency Response
Emergency Operations Unit
P.O. Box 19276, Mail Drop # 29
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2007-0644

NRC Incident No.: 835133

Will Co. EMA Incident No.: 0705129021

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

To whom it may concern:

This is in response to the IEPA letter dated May 25, 2007, received June 4, 2007 regarding the above-referenced potential excess emissions event that occurred at CITGO Petroleum Corporation's Lemont Refinery in Lemont, Will County, Illinois.

A follow-up letter was sent to Illinois Emergency Management Agency (IEMA) on May 18, 2007, and supplemented on May 23, 2007 with the results of the emission calculations. The second letter indicated that this event was below the excess emission definition defined in the above-referenced Clean Air Act Permit Program (CAAPP) Permit. Emissions in a 24-hour period from C-2 and C-3 flares were respectively 405 lb and 103 lb. A copy of those letters is in Attachment A.

Accordingly, pursuant to Condition 7.7.10(b)(ii) of the above-referenced CAAPP Permit, no detailed root-cause failure analysis (e.g. Causal Factors Investigation and Corrective Actions report) is required.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

cc:

Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office
John Waligore, IEPA, Division of Legal Counsel

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7006 0100 0000 2870 2377

OE 076-07



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

June 21, 2007

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2007-0807
NRC Incident No.: 838570
Will Co. EMA Incident No.: 070614903-1
Lemont Refinery
CITGO Petroleum Corporation
CAAPP Permit No. 96030079
Facility ID No.: 197090AAI

Dear Mr. Sullivan:

This is follow-up to the June 14, 2007 precautionary notification to Illinois Emergency Management Agency (IEMA – Report No. 2007-0807), National Response Center (NRC – Report No. 838570) and Will County Emergency Management Agency (Will Co. EMA – Report No. 070614903-1) regarding a release on that morning.

At approximately 4:30 a.m. on June 14, 2007, the Alkylation (“Alky”) Unit (Unit 120) at the referenced facility experienced a line failure of the inlet line to the relief valve (20SV-113) protecting the Propane (C3) Stripper (20D-503). This resulted in a release of propane containing low levels of hydrogen fluoride. Steps were immediately taken to isolate the tower and shut down the unit. As a result of this unit shutdown, there was also a small amount of intermittent flaring at the Alky Unit flare. The flaring was necessary to allow for the depressuring and purging of Alky Unit pumps and vessels, to safely shutdown the unit. The release from the line rupture ended at 10:00 a.m., and the intermittent flaring ended at 9:09 a.m.

Safety systems employed in the unit operated properly. The release was controlled with water sprays from an elevated monitor, ground monitors, and a portable monitor.

Upon unit shutdown, a 53-foot section of line was replaced. Measures to position the unit for restart began as soon as practical after repairs. These measures included a 1 ft by four-sided ultrasonic grid survey scan on lines of similar configuration and service and a thorough walk through of the area of the repair by qualified inspectors to ensure equipment readiness. The unit was back to normal rates on June 18, 2007.

The following emissions, representing both the line rupture and the intermittent flaring, were estimated:

<i>Compound</i>	<i>CAS RN</i>	<i>EPCRA/CERCLA RQ (lb.)</i>	<i>Estimated Release (lb.)</i>	<i>Note</i>
Nitrogen dioxide	10102-44-0	1000	7.9	Below RQ
Sulfur dioxide	7446-09-5	500	0	Below RQ
Hydrogen Fluoride	7664-39-3	100	48.4	Below RQ
Carbon Monoxide	630-08-0	No EPCRA or CERCLA RQ	42.8	No RQ
Organic Matter		No EPCRA or CERCLA RQ	10,118	No RQ
PM		No EPCRA or CERCLA RQ	0	No RQ

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7006 0100 0000 2870 2247

OE 064-07



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

May 18, 2007

Mr. Jim Sullivan
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information
IEMA Incident No.: H2007-0644
NRC Incident No.: 835133
Will Co. EMA Incident No.: 0705129021
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Mr. Sullivan:

This follows up the telephone notification made on May 12, 2007 to Illinois Emergency Management Agency (IEMA – Report No. 2007-0644), National Response Center (NRC – Report No. 835133) and Will County Emergency Management Agency (Will Co. EMA – Report No. 0705129021) regarding a potential excess emissions event. This also satisfies Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On May 12, 2007 flaring occurred at 4:02 a.m., when the ISAL unit (Unit 102) compressor (102GB-1) shutdown when the compressor overload relay tripped. Feed to the ISAL was cut, and the reactor was purged and depressured to the flare system to keep the reactor temperature at a safe level. The compressor was re-started at 7:54 a.m., and the post-startup flaring ended at 9:20 a.m. The preliminary cause of the compressor shutdown is thought to be related to the electrical system and that an actual overload did not occur.

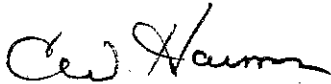
At the time of the event, it was anticipated that the reportable quantity threshold for sulfur dioxide (CAS RN = 7446-09-5) and would be exceeded, and a precautionary notification was made. Preliminary calculations indicate that the reportable quantity was likely exceeded.

After the calculations surrounding this event are finalized, a follow-up letter will be submitted, and, if necessary the additional notification required by Condition 7.7.10(b)(ii) of the CAAPP Permit.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

May 23, 2007

Mr. Jim Sullivan
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information

IEMA Incident No.: H2007-0644

NRC Incident No.: 835133

Will Co. EMA Incident No.: 0705129021

Lemont Refinery

Facility ID No.: 197090AAI

CAAPP Permit No.: 96030079

Dear Mr. Sullivan:

This provides supplemental information to a May 18, 2007 letter regarding a potential excess emissions event. Also, that initial follow-up letter and this correspondence are both submitted pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On May 12, 2007 flaring occurred beginning at 4:02 a.m. associated with a shutdown of the ISAL compressor due to an electrical problem. The flaring ended at 9:19 a.m. the same day. Also, prior to the ISAL compressor shutdown, on May 11, 2007 the 844GB-401 South Plant flare gas recovery compressor had shut-down for 17 minutes due to a malfunctioning oxygen sensor, resulting in 17 minutes of flaring between 6:45 and 7:02 p.m.

At the time of the ISAL compressor shutdown, the cumulative release rate of sulfur dioxide (CAS RN = 7446-09-5) was unknown, and a precautionary notification was made. The estimated calculated total amount released from two flares from both events during this time period was 508 lb SO₂ (101 lb SO₂ from the flare gas compressor trip and 407 lb SO₂ from the ISAL compressor trip). The cumulative 24-hr SO₂ emissions from C-2 and C-3 flares were 405 lb SO₂ and 103 lb SO₂, respectively. As the emissions from each individual flare are less than 500 lb SO₂, the follow-up notification otherwise required by Condition 7.7.10(b)(ii) of the above-referenced CAAPP Permit is not required.

There were no off-site impacts as a result of this intermittent flaring. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security & Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

July 6, 2007

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2007-0887

NRC Incident No.: 840284

Will Co. EMA Incident No.: 07-0628-904-1

Lemont Refinery

CAAPP Permit No. 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follow-up to the telephone notification made on June 28, 2007 to Illinois Emergency Management Agency (IEMA – Report No. 2007-0887), National Response Center (NRC – Report No. 840284) and Will County Emergency Management Agency (Will County EMA – Report No. 07-0628-904-1) regarding a potential excess emissions event. This follow-up letter is also pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On June 28, 2007 at approximately 12:14 p.m., intermittent flaring began when the Coker 1 Gas Compressor (113GB-410) underwent a planned shutdown to replace an aging motor; flow meters were also installed to enable the installation of an improved compressor control system (recommendation from a corrective action from previous Coker 1 Compressor flaring events). The compressor was successfully restarted on June 30, 2007 at 7:39 p.m.

Prior to the compressor shutdown, the Coker 1 unit was reduced to minimum rate and the necessary materials were on hand; and the motor replacement and flow meter installation work progressed around the clock.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations showed the emissions were approximately 22,693 lb of SO₂.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

August 7, 2007

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2007-1078

NRC Incident No.: 844504

Will Co. EMA Incident No.: 07-0805-902-1

Lemont Refinery

CAAPP Permit No. 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on August 5, 2007 to Illinois Emergency Management Agency (IEMA – Report No. 2007-1078), National Response Center (NRC – Report No. 844504) and Will County Emergency Management Agency (Will County EMA – Report No. 07-0805-902-1) regarding a potential excess emissions event. This follow-up letter is also pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On August 5, 2007 at approximately 8:33 a.m., flaring began when the South Plant Flare Gas Compressor (844GB-401) tripped off-line due to an automatic shutdown on low instrument air. The compressor was safely re-started at 9:08 a.m., ending the flaring. The instrument air system to the compressor had developed a leak and the tubing was subsequently repaired.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations showed the emissions were below the RQ for SO₂.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon
Manager, Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

October 16, 2007

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2007-1352
NRC Incident No.: 815133
Will Co. EMA Incident No.: 07-1009-909-1
Lemont Refinery
CAAPP Permit No. 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on October 9, 2007 to Illinois Emergency Management Agency (IEMA – Report No. 2007-1352), National Response Center (NRC – Report No. 815133) and Will County Emergency Management Agency (Will County EMA – Report No. 07-1009-909-1) regarding a potential excess emissions event. This follow-up letter is also pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

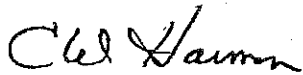
On October 9, 2007 at approximately 10:03 a.m., flaring began when relief valves in several of the Hydrotreating Units relieved unexpectedly. Also, the South Plant Flare Gas Compressor (844GB-401) tripped off-line. The relief valves opened due to a communications issue with the associated process control instrumentation. The relief valves were promptly closed and the flare gas compressor restarted. The flaring ended at 10:34 a.m.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations showed the emissions were below the RQ for SO₂.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

October 26, 2007

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2007-1428

NRC Incident No.: 852623

Will Co. EMA

Lemont Refinery

CAAPP Permit No. 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on October 24, 2007 to Illinois Emergency Management Agency (IEMA – Report No. 2007-1428), National Response Center (NRC – Report No. 852623) and Will County Emergency Management Agency (Will County EMA) regarding a potential excess emissions event. This follow-up letter is also pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

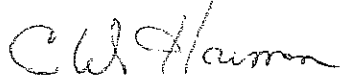
On October 24, 2007 at approximately 6:02 p.m., Unit 121 Sulfur Recovery Unit D-train tripped offline, due to a malfunctioning knock-out drum level indicator. Load shedding procedures were immediately implemented and load was also shifted to other on-line sulfur recovery trains. No flaring occurred during this event. The train was re-started at about 6:33 p.m.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations showed the excess emissions at D-train were well below the RQ for SO₂.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

December 13, 2007

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2007-1586

NRC Incident No.: 856428

Lemont Refinery

Facility ID No.: 197090AAI

CAAPP Permit No.: 96030079

Dear Ms. Allen:

This follows up the telephone notification made on December 6, 2007 to Illinois Emergency Management Agency (IEMA – Report No. H2007-1586), National Response Center (NRC – Report No. 856428) and Will County Emergency Management Agency regarding a potential excess emissions event. This also satisfies Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On December 10, 2007, flaring began at 3:13 a.m. after Sulfur Recover Unit 121 C- and D-trains had tripped off-line due to a malfunctioning boiler pressure controller. Load-shedding procedures had already begun before the flaring, and continued through the event. C-train was returned to service within 37 minutes ending the flaring after 96 minutes.

At the time of the event, it was anticipated that the reportable quantity threshold for sulfur dioxide (CAS RN = 7446-09-5) and would be exceeded, and a precautionary notification was made. Calculations indicate that the amount released was approximately 3900 lbs of sulfur dioxide.

There were no off-site impacts as a result of this release. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 8, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-0007

NRC Incident No.: 858653

Will Co. EMA Incident No.: 08-0102-910-1

Lemont Refinery

CAAPP Permit No. 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on January 2, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-0007), National Response Center (NRC – Report No. 858653) and Will County Emergency Management Agency (Will County EMA – Report No. 08-0102-910-1) regarding a potential excess emissions event. This follow-up also is pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On January 2, 2008 at approximately 7:47 p.m., flaring began when the refinery vented excess fuel gas to the flare header following a trip of the Fluid Catalytic Cracking Unit (FCCU) CO Boiler. Unit rates were adjusted to respond to the upset of the steam system, and the flaring ended at 8:31 p.m. Subsequently, the CO boiler was re-lit.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations showed the emissions were 306 lb SO₂, below the RQ for SO₂.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

February 11, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-0169
NRC Incident No.: 861611
Will Co. EMA Incident No.: 08-0205-909-3
Lemont Refinery
CAAPP Permit No. 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on February 5, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-0169), National Response Center (NRC – Report No. 861611) and Will County Emergency Management Agency (Will County EMA – Report No. 08-0205-909-3) regarding a potential excess emissions event. This follow-up also is pursuant to Condition 5.10.1 regarding Condition 7.5.5.a. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On February 5, 2008 at approximately 8:34 p.m., Unit 119 Sulfur Recovery Unit A-train combustor began to lose temperature and, at 8:41 p.m., the combustor lost flame. This was attributed to a previous upset of the train. The upset was cleared, the fuel gas line was steamed, and the combustor was re-lit and brought back up to temperature at 9:05 p.m., ending the upset.

At the time of the event, the release rate of hydrogen sulfide (CAS RN = 7783-06-4) was unknown, and a precautionary notification was made. Subsequent calculations showed the emissions of hydrogen sulfide were 51 lb H₂S, below the H₂S reportable quantity.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

March 13, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information
IEMA Incident No.: H2008-0310
NRC Incident No.: 864387
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Mr. Sullivan:

This follows up the telephone notification made on March 8, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-0310, National Response Center (NRC – Report No. 864387) and Will County Emergency Management Agency regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On March 7, 2008 flaring occurred at approximately 11:30 p.m., due to the unplanned shutdown of the Crude Unit (U111). A leak was discovered on the discharge line from the Crude unit (U111) flash crude pumps which necessitated a unit shutdown. Additional units had to be taken off-line when charge from the Crude Unit was lost.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. The incident is currently being investigated. A follow-up letter will be submitted if necessary and the additional notification required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be made.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

March 24, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-0343
NRC Incident No.: 865231
Will Co. EMA Report No.: 080317-902-1
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on March 17, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-0343, National Response Center (NRC – Report No. 865231) and Will County Emergency Management Agency (Will Co. EMA Report No. 080317-902-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On March 17, 2008, intermittent flaring occurred at approximately 4:53 a.m., due a loss of power to the Saturated Gas Plant (Unit 217) multivariable control unit (MVCU) panel. This occurred during a planned slowdown of the Crude Unit (Unit 111) and Unit 217, when unit rates were already low. The loss of power caused several Deethanizer (217D-1) regulator valves to go to a closed position, which caused the Deethanizer to pressure up and relieve to the flare. Once it was determined what happened and the control valve positions were verified, steam to the vessel was reduced and bypasses around the closed regulators were opened to reduce the Deethanizer's pressure. The intermittent flaring ended at 6:18 a.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. The incident is currently being investigated. A follow-up letter will be submitted if necessary and the additional notification required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be made.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

April 7, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information
IEMA Incident No.: H2008-0310
NRC Incident No.: 864387
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the March 13, 2008 correspondence regarding the telephone notification made on March 8, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-0310, National Response Center (NRC – Report No. 864387) and Will County Emergency Management Agency regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On March 7, 2008 flaring occurred at approximately 11:30 p.m., due to the unplanned shutdown of the Crude Unit (U111). A leak was discovered on the discharge line from the Crude unit (U111) flash crude pumps which necessitated a unit shutdown. Additional units had to be taken off-line when charge from the Crude Unit was lost. The intermittent flaring ended March 9, 2008 at approximately 10:30 a.m.

At the time of the event, the sulfur dioxide (CAS RN = 7446-09-5) emission rate was unknown, so a precautionary notification was made. Subsequent estimates showed emissions to be:

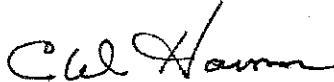
	Total SO ₂	Maximum 24-hr total
C-2 flare:	1506 lb	1374 lb
C-3 flare:	129 lb	129 lb
Total:	1635 lb	1503 lb

The incident is currently being investigated, and the additional information required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be made.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon".

C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

May 14, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information
IEMA Incident No.: H2008-0343
NRC Incident No.: 865231
Will Co. EMA Report No.: 080317-902-1
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on March 17, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-0343, National Response Center (NRC – Report No. 865231) and Will County Emergency Management Agency (Will Co. EMA Report No. 080317-902-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On March 17, 2008, intermittent flaring occurred at approximately 4:53 a.m., due a loss of power to the Saturated Gas Plant (Unit 217) multivariable control unit (MVCU) panel. This occurred during a planned slowdown of the Crude Unit (Unit 111) and Unit 217, when unit rates were already low. The loss of power caused several Deethanizer (217D-1) regulator valves to go to a closed position, which caused the Deethanizer to pressure up and relieve to the flare. Once it was determined what happened and the control valve positions were verified, steam to the vessel was reduced and bypasses around the closed regulators were opened to reduce the Deethanizer's pressure. The intermittent flaring ended at 6:18 a.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were below the 500 lb Reportable Quantity threshold.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

August 7, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1158
NRC Incident No.: 879144
Will Co. EMA Incident No.: 08-0731-910-1
Lemont Refinery
CAAPP Permit No. 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on July 31, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-1158), National Response Center (NRC – Report No. 879144) and Will County Emergency Management Agency (Will County EMA – Report No. 08-0731-910-1) regarding a potential excess emissions event. This follow-up also is pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

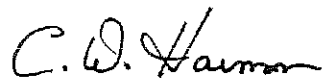
On July 31, 2008 at approximately 5:45 p.m., intermittent flaring began when the Unsaturated Gas Plant (Unit 212) began to depressure as a result of an earlier unscheduled shutdown of the Fluid Catalytic Cracking Unit (FCCU, Unit 112). Unit rates were adjusted to respond to the FCCU shutdown. The bulk of the intermittent flaring ended at 6:46 p.m. August 1, 2008 and shutdown activities were completed on August 4.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations indicated that the maximum 24-hour period emissions were below the RQ for SO₂.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in cursive script that reads "C. W. Harmon".

C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

September 2, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1294

NRC Incident No.: 881916

Lemont Refinery

CAAPP Permit No. 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on July 31, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-1294), National Response Center (NRC – Report No. 881916) and Will County Emergency Management Agency (Will County EMA) regarding a potential excess emissions event. This follow-up also is pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

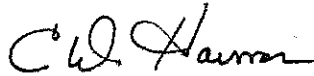
On August 26, 2008 during the re-start of the Fluid Catalytic Cracking Unit (FCCU, Unit 112), intermittent flaring began at approximately 7:39 a.m. The startup followed established startup procedures that included efforts to minimize flaring. The intermittent flaring ended at 11:47 p.m. that day.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations indicated that the emissions were below the RQ for SO₂.

There were no off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

October 13, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1503

NRC Incident No.: 886288

Will Co. EMA Incident No.: 091006-9091

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms Allen:

This follows up the telephone notification made on October 6, 2008 to Illinois Emergency Management Agency (IEMA – Report No. H2008-1503, National Response Center (NRC – Report No. 886288) and Will County Emergency Management Agency (Will Co. EMA – Report No. 091006-9091) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On October 6, 2008 at 8:05 a.m., the refinery's South Plant flare gas recovery compressor (844GB-401) was shut down to perform planned maintenance and inspection of the compressor. This shutdown was a planned maintenance activity, pursuant to Condition 7.7.5.b. of the refinery's Clean Air Act Permit Program (CAAPP) permit no. 96030079 (otherwise known as "Title 5" permit).

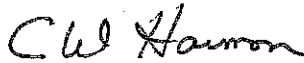
Preliminary calculations indicate that the reportable quantity for SO₂ was exceeded.

After the calculations surrounding this event are finalized, the additional notification required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be submitted to IEPA.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office ✓



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

October 7, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1502

NRC Incident No.: 886159

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms Allen:

This follows up the telephone notification made on October 4, 2008 to Illinois Emergency Management Agency (IEMA – Report No. H2008-1502, National Response Center (NRC – Report No. 886159) and Will County Emergency Management Agency (Will Co. EMA – Report No. 081004-90201) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

This notification was regarding intermittent flaring at the 844C-4 flare associated with the planned shutdown of the Coker 2 complex.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. The incident is currently being investigated. A follow-up letter will be submitted if necessary and the additional notification required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be made.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

By: **FedEx Airbill#8616 2203 2743**

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

October 27, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1357
Will Co. EMA Incident No.: 081020-903-1
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms Allen:

This follows up the telephone notification made on October 20, 2008 to Illinois Emergency Management Agency (IEMA – Report No. H2008-1357, National Response Center (NRC) and Will County Emergency Management Agency (Will Co. EMA – Report No. 081020-903-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On October 20, 2008 at 6:41 a.m., flaring from elevated flare 844C-2 occurred when the South Plant flare gas recovery compressor (844GB-401) was shut down to perform follow-up maintenance to the October 6-13, 2008 planned maintenance and inspection. After the restart following the earlier preventive maintenance, a knock in the compressor developed; the October 20 shutdown was necessary to re-shim the 1st stage crosshead to lower the crosshead elevation and eliminate the knock. The compressor was re-started, ending the flaring on October 22, 2008 at 9:29 a.m.

This shutdown was considered an extension of the October 6-13, 2008 planned maintenance activity, pursuant to Condition 7.7.5.b. of the refinery's Clean Air Act Permit Program (CAAPP) permit no. 96030079 (otherwise known as "Title 5" permit).

At the time of the event, the sulfur dioxide (CAS RN = 7446-09-5) emission rate was unknown, so a precautionary notification was made.

Subsequent estimates showed emissions to be:

	Total SO ₂	Maximum 24-hr total
C-2 flare:	24,973 lb	11,830 lb

The additional information required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be made.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



135th Street & New Avenue
Lemont, IL 60439-3659

CITGO Petroleum Corporation

June 4, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0590

NRC Incident No.: 907244

Will Co. EMA Report No.: 090601-904-01

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on June 1, 2009 to Illinois Emergency Management Agency (IEMA – Report No. H2009-0590, National Response Center (NRC – Report No. 907244) and Will County Emergency Management Agency (Will Co. EMA - Report No. 090601-904-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On June 1, 2009 at approximately 3:43 p.m., intermittent flaring occurred when the Unsaturated Gas Plant (Unit 212) "Wet Gas" Compressor tripped off-line when a programmable logic controller (PLC) malfunctioned. This caused an unplanned shutdown of Unit 212 and the Fluid Catalytic Cracking Unit (Unit 112) that resulted in the flaring. The PLC was replaced and the units re-started. The intermittent flaring ended after the units were re-started.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were significantly below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security & Environmental

/PLM

cc: Will County EMA
IEPA - Des Plaines Office
Ray Pilapil, IEPA - Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



135th Street & New Avenue
Lemont, IL 60439-3659

CITGO Petroleum Corporation

November 12, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1502

NRC Incident No.: 886159

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms Allen:

This is a supplemental follow-up to the telephone notification made on October 4, 2008 to Illinois Emergency Management Agency (IEMA – Report No. H2008-1502, National Response Center (NRC – Report No. 886159) and Will County Emergency Management Agency (Will Co. EMA – Report No. 081004-90201) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

This notification was regarding intermittent flaring at the 844C-4 flare associated with the planned shutdown of the Coker 2 complex.

At the time of the event, the emission rate for sulfur dioxide (SO₂, CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission calculations indicate that the SO₂ emissions from the total event were 74 lb, well below the applicable reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

November 13, 2008

Illinois Environmental Protection Agency
Office of Emergency Response
Emergency Operations Unit
P.O. Box 19276, Mail Drop # 29
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1503

NRC Incident No.: 886288

Will Co. EMA Incident No.: 091006-909-1

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

To whom it may concern:

This is in response to the IEPA letter dated October 15, 2008, received October 21, 2008 regarding the above-referenced potential excess emissions event that occurred at CITGO Petroleum Corporation's Lemont Refinery in Lemont, Will County, Illinois.

A follow-up letter was sent to Illinois Emergency Management Agency (IEMA) on October 13, 2008 indicating that the emissions exceeded the SO₂ reportable quantity. A copy of that letter is included in Attachment 1

For purposes of satisfying the reporting requirements of Condition 7.7.10(b)(ii) of the refinery's Clean Air Act Permit Program (CAAPP) permit, Attachment 2 contains the root-cause failure analysis (RCFA) that was completed for the September 4, 2008 flaring event, as required by the Consent Decree between U.S. EPA, Illinois EPA, and CITGO Petroleum Corporation entered on January 26, 2005. This RCFA contains the reporting elements required by the above-referenced CAAPP Permit Condition. As indicated in that appendix, that RCFA was submitted to IEPA well within the 45-days allowed.

Significantly, this flaring was associated with a planned maintenance outage of the 844GB-401 South Plant flare gas recovery compressor. Such preventive maintenance is required at Condition 7.7.5(b) of the above-referenced CAAPP Permit, and is recognized by Paragraph 75.a. of the above-referenced Consent Decree as necessary for properly designed and operated flare gas recovery systems.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc:

Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office
John Waligore, IEPA, Division of Legal Counsel

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7003 2260 0002 6023 1701

OE 147-08



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

November 20, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information
IEMA Incident No.: H2008-1673
NRC Incident No.: 890402
Will Co. EMA Report No.: 081118-909-2
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on September 4, 2008 to Illinois Emergency Management Agency (IEMA - Report No. 2008-1673, National Response Center (NRC - Report No. 890402) and Will County Emergency Management Agency (Will Co. EMA - Report No. 081118-909-2) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

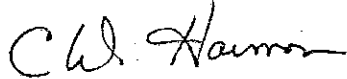
On November 18, 2008, intermittent flaring occurred at the 844C-4 Coker 2 flare during a normal steam-out operation. Steam rate to the coke drum was cut and water added to the bottom head of the drum to reduce gas and trouble-shooting efforts began. The subsequent troubleshooting identified a bypass valve in an associated hydrogen unit as being slightly open, sending additional hydrogen to the vent gas compressor. The valve was closed, ending the flaring.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were approximately 209 lb., which is below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

December 1, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1684

NRC Incident No.: 890689

Will Co. EMA Incident No.: 081121-909-1

Lemont Refinery

CAAPP Permit No. 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This is follow-up to the telephone notification made on November 21, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-1164), National Response Center (NRC – Report No. 890689) and Will County Emergency Management Agency (Will County EMA – Report No. 081121-909-1) regarding a potential excess emissions event. This follow-up letter is also pursuant to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On November 21, 2008 at approximately 9:23 p.m., Unit 121 Sulfur Recovery Unit D-train tripped offline. Preliminary indications were that this may have been related to a ground fault; however, a more thorough investigation of the event is on-going. After the train tripped, load was shifted to other on-line sulfur recovery trains and load shedding procedures were implemented. Despite these measures flaring began at approximately 9:54 p.m.; the train was restarted, ending the flaring at 10:47 p.m.

At the time of the event, the release rate of sulfur dioxide (CAS RN = 7746-09-5) was unknown, and a precautionary notification was made. Subsequent calculations showed the emissions due to the flaring were 3855 lb SO₂.

There were no off-site measurable impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM:

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 5, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1800
NRC Incident No.: 893421
Will Co. EMA Report No.: 081226-909-1
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Mr. Sullivan:

This follows up the telephone notification made on December 26, 2008 to Illinois Emergency Management Agency (IEMA – Report No. 2008-1800, National Response Center (NRC – Report No. 893421) and Will County Emergency Management Agency (Will Co. EMA – Report No. 081226-909-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

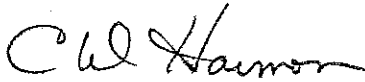
On December 26, 2008 flaring occurred at approximately 10:40 p.m., due to the unplanned shutdown of portions of the refinery caused by a loss of power when two main transformers tripped off-line during unusual weather (fog, wind, and warm weather) and what appeared to be unusual circumstances surrounding the third party power supply. The flaring was associated with the unit upsets due to with the partial loss of power, the shutdown of units, and the subsequent re-start of affected portions of the refinery.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. The incident is currently being investigated. A follow-up letter will be submitted if necessary and the additional notification required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be made.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 7, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0004

NRC Incident No.: 893949

Will Co. EMA Report No.: 090104-910-1

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on January 4, 2009 to Illinois Emergency Management Agency (IEMA – Report No. H2009-0004, National Response Center (NRC – Report No. 893949) and Will County Emergency Management Agency (Will Co. EMA - Report No. 090104-910-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On January 4, 2009 at about 12:01 p.m. the hydrogen compressor at the FCCU Gasoline Hydrotreater Unit (Unit 102) shut-down when a variable fan drive overheated. Intermittent flaring ended at 1:16 p.m., after the building housing the fan drive was opened and cooled off and the compressor re-started

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C W Harmon". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



135th Street & New Avenue
Lemont, IL 60439-3659

CITGO Petroleum Corporation

December 24, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information
IEMA Incident No.: H2008-1780
NRC Incident No.: 893075
Will Co. EMA Report No.: 08122090201
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on December 21, 2008 to Illinois Emergency Management Agency (IEMA – Report No. H2008-1780, National Response Center (NRC – Report No. 893075) and Will County Emergency Management Agency (Will Co. EMA - Report No. 08122090201) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On December 21, 2008 at about 7:56 a.m., intermittent flaring occurred at the 844C-3 flare when the South Plant flare gas recovery compressor (844GB-401) tripped off-line when a local pressure transmitter switch (844PT-4331) froze due to extremely cold weather conditions (-6F ambient, -28F wind chill). Before the flaring started, the ambient temperature had changed significantly and rapidly, dropping nearly 30 F in less than 10 hours. The compressor was re-started and the pressure transmitter thawed out.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent preliminary emission estimates showed SO₂ emissions were above the RQ.

Further investigation into this event is being conducted, and will be addressed in the subsequent report required by CAAPP Permit Condition 7.7.10(b)(ii).

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA - Des Plaines Office
Ray Pilapil, IEPA - Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

December 22, 2008

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1770

NRC Incident No.: 892795

Will Co. EMA Report No.: 90612-17-08

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on December 17, 2008 to Illinois Emergency Management Agency (IEMA - Report No. H2008-1770, National Response Center (NRC - Report No. 892795) and Will County Emergency Management Agency (Will Co. EMA - Report No. 9612-17-08) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On December 17, 2008 at about 5:25 p.m., intermittent flaring occurred at the 844C-4 Coker 2 flare when the Coker 2 compressor tripped off-line due to a high level in the coker fractionator gas-oil draw tray. The level was adjusted and the compressor re-started, ending the flaring at 5:52 p.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 12, 2009

Illinois Environmental Protection Agency
Office of Emergency Response
Emergency Operations Unit
P.O. Box 19276, Mail Drop # 29
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1684

NRC Incident No.: 890689

Will Co. EMA Incident No.: 081121-909-1

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

To whom it may concern:

This is in response to the IEPA letter dated December 17, 2008, (received December 24, 2008) regarding the above-referenced potential excess emissions event that occurred at CITGO Petroleum Corporation's Lemont Refinery in Lemont, Will County, Illinois. The IEPA letter indicates that IEPA records indicate that Hydrogen Sulphide (H_2S) may have exceeded its reportable quantity.

This event was flaring associated with an unplanned shutdown of one of the refinery's sulfur recovery unit (SRU) trains. The sulfur dioxide (SO_2) reportable quantity was exceeded, but the incident did not exceed the H_2S reportable quantity because of several reasons.

- The release occurred from a flare stack following combustion in the flare; the gas that was sent to the flare, although containing in H_2S , was combusted in the flare, producing SO_2 as a product of combustion.
- Additionally, the sulfur unit gas that was sent to the flare was supplemented with higher Btu-content fuel gas to ensure better combustion in the flare stack and minimize the likelihood of a H_2S release.

A follow-up letter was sent to Illinois Emergency Management Agency (IEMA) on December 1, 2008 indicating that the emissions exceeded the SO_2 reportable quantity. A copy of that letter is included in Attachment 1.

Also, for purposes of satisfying the reporting requirements of Condition 7.7.10(b)(ii) of the refinery's Clean Air Act Permit Program (CAAPP) permit, Attachment 2 contains the root-cause failure analysis (RCFA) that was completed for this event, as required by the Consent Decree between U.S. EPA, Illinois EPA, and CITGO Petroleum Corporation entered on January 26, 2005. This RCFA contains the reporting elements required by the above-referenced CAAPP Permit Condition. As indicated in Attachment 2, that RCFA was submitted to IEPA well within the 45-days allowed.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc:

Will County EMA
Don Klopke, IEPA, Emergency Operations Unit (Springfield)
IEPA – Des Plaines Office (Emergency Operations Unit)
IEPA – Compliance & Systems Management, Springfield Office
Jim Entzminger, USEPA, Chicago Office
John Waligore, IEPA, Division of Legal Counsel



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 15, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0031

NRC Incident No.: 894468

Will Co. EMA Report No.: 090112-903-1

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on January 12, 2009 to Illinois Emergency Management Agency (IEMA - Report No. H2009-0004, National Response Center (NRC - Report No. 894468) and Will County Emergency Management Agency (Will Co. EMA - Report No. 090112-903-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On January 12, 2009 at approximately 4:15 a.m., Unit 119 Sulfur Recovery Tail Gas unit experienced an upset which resulted in increased readings on the CEMS (Continuous Emission Monitoring System) analyzers for both unit trains (A & B). No flaring was associated with this event.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were well below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7007 2560 0000 2674 2727

OE 012-09



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 15, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0035

NRC Incident No.: 894661

Will Co. EMA Report No.: 090112-903-02

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on January 12, 2009 to Illinois Emergency Management Agency (IEMA – Report No. H2009-0035, National Response Center (NRC – Report No. 894661) and Will County Emergency Management Agency (Will Co. EMA - Report No. 090112-903-02) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On January 12, 2009 at approximately 8:20 p.m., a frozen valve in Unit 212 Sales Gas Compressor dryer system prevented a proper switch between two dryers, pressuring up the Sales Gas system. This resulted in approximately 17 minutes of flaring.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were significantly below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

February 9, 2009

Illinois Environmental Protection Agency
Office of Emergency Response
Emergency Operations Unit
P.O. Box 19276, Mail Drop # 29
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2008-1800

NRC Incident No.: 893421

Will Co. EMA Report No.: 081226-909-1

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

To whom it may concern:

This is in response to the IEPA letter dated January 7, 2009, received January 20, 2009 regarding the above-referenced potential excess emissions event that occurred at CITGO Petroleum Corporation's Lemont Refinery in Lemont, Will County, Illinois.

A follow-up letter was sent to Illinois Emergency Management Agency (IEMA) on January 5, 2009, indicating that the emissions exceeded the SO₂ reportable quantity. A copy of that letter is included in **Attachment 1**

For purposes of satisfying the reporting requirements of Condition 7.7.10(b)(ii) of the refinery's Clean Air Act Permit Program (CAAPP) permit, **Attachment 2** contains the root-cause analysis (RCA) that was completed for the December 26, 2008 flaring event, as required by the Consent Decree between U.S. EPA, Illinois EPA, and CITGO Petroleum Corporation entered on January 26, 2005. This RCA contains the reporting elements required by the above-referenced CAAPP Permit Condition. As indicated in that appendix, that RCA was submitted to IEPA well within the 45-days allowed.

Significantly, this flaring was associated a weather-induced trip of the main transformers to the South Plant which resulted in various automatic equipment shutdowns and caused process unit upsets.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc:

Will County EMA
Yeric Yarrington, IEPA, Emergency Operations Unit Office (Springfield)
Don Klopke, IEPA - Emergency Operations Unit (Des Plaines Office)
IEPA – Compliance & Systems Management, Springfield Office
Jim Entzminger, USEPA, Chicago Office
John Waligore, IEPA, Division of Legal Counsel



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 22, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0046
NRC Incident No.: 894859
Will Co. EMA Report No.: 090115-903-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on January 15, 2009 to Illinois Emergency Management Agency (IEMA – Report No. H2009-0046, National Response Center (NRC – Report No. 894859) and Will County Emergency Management Agency (Will Co. EMA - Report No. 090115-903-012) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On January 15, 2009 at approximately 1:30 a.m., intermittent flaring occurred at the refinery Coker 2 unit.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were significantly below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7007 2560 0000 2674 2765

OE 016-09



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 23, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0059

Will Co. EMA Report No.: 09-0116-909-1

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on January 16, 2009 to Illinois Emergency Management Agency (IEMA – Report No. H2009-0059, and Will County Emergency Management Agency (Will Co. EMA - Report No. 09-0116-909-1) regarding a potential excess emissions event.

Excess emissions occurred from the Unit 119 A- and B-stacks when the Unit 119 sulfur recovery unit new tail gas unit (TGU) became upset. The unit upset occurred when the reducing gas generator's flame scanner malfunctioned. The scanner malfunction occurred during extremely cold weather (-16 °F local ambient temperature, and -29°F estimated wind chill).

The scanner malfunction was repaired shortly before noon on January 16, 2009.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed that total SO₂ emissions were below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK:PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7008 1140 0002 0881 6453

OE 084-09



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

August 16, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0863

NRC Incident No.: 914495

Will Co. EMA Report No.: 090811-909-01

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on August 11, 2009 to Illinois Emergency Management Agency (IEMA - Report No. H2009-0863, National Response Center (NRC - Report No. 914495) and Will County Emergency Management Agency (Will Co. EMA - Report No. 090811-909-01) regarding a potential excess emissions event.

On August 11, 2009 at approximately 3:43 p.m., Unit 121 Sulfur Recovery Unit C- and D-trains became upset after the C-train air demand analyzer malfunctioned. This led to high RGG Temperature, Low Contact Condenser PH, and Stretford Foaming. The issues with the Stretford tail-gas treatment section resulted in excess emissions.

At the time of the event, the cumulative emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in cursive script, appearing to read "C. W. Harmon".

C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

ENVIRONMENTAL PROTECTION AGENCY
EMERGENCY RESPONSE NOTIFICATION SYSTEM
GOVERNMENT USE ONLYGOVERNMENT USE ONLY***

ERNS # 352701 IRIS/NRC # 914495

INCIDENT DESCRIPTION

*Report taken by: CIV KEVIN WILLIAMS at 08:18 on 11-AUG-09
Incident Type: FIXED
Incident Cause: UNKNOWN
Affected Area:
The incident occurred on 11-AUG-09 at 02:00 local time.
Affected Medium: AIR TO THE AIR

REPORTING PARTY

Name: WILLIAM MILLER
Organization: CITGO
Address: 135TH AND NEW AVENUE
LEMONT, IL 60439

CITGO called for the responsible party.
PRIMARY Phone: (630)2574381
Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: WILLIAM MILLER
Organization: CITGO
Address: 135TH AND NEW AVENUE
LEMONT, IL 60439
PRIMARY Phone: (630)2574381
Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

135TH AND NEW AVENUE County: COOK
City: LEMONT State: IL Zip: 60439

RELEASED MATERIAL(S)

CHRIS Code: SFD Official Material Name: SULFUR DIOXIDE
Also Known As:
Qty Released: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

CALLER STATED DUE TO UNKNOWN CAUSES THERE WAS A RELEASE OF MATERIALS TO THE AIR
AT THE REFINERY.

SENSITIVE INFORMATION

INCIDENT DETAILS

Package: N/A
Building ID:
Type of Fixed Object: REFINERY
Power Generating Facility: NO
Generating Capacity:
Type of Fuel:
NPDES:
NPDES Compliance: UNKNOWN

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN
 INJURIES: NO Hospitalized: Empl/Crew: Passenger:
 FATALITIES: NO Empl/Crew: Passenger: Occupant:
 EVACUATIONS: NO Who Evacuated: Radius/Area:
 Damages: NO

<u>Closure Type</u>	<u>Description of Closure</u>	<u>Hours Closed</u>	<u>Direction of Closure</u>
Air: N			
Road: N			Major Artery: N
Waterway: N			
Track: N			

Passengers Transferred: NO
 Environmental Impact: UNKNOWN
 Media Interest: NONE Community Impact due to Material:

REMEDIAL ACTIONS

CALLER STATED THE AFFECTED UNIT AT THE FACILITY WAS PLACED UNDER CONTROL AND THE RELEASE WAS SECURED.
 Release Secured: YES
 Release Rate:
 Estimated Release Duration:

WEATHER

Weather: CLEAR, 77°F

ADDITIONAL AGENCIES NOTIFIED

Federal: NONE
 State/Local: NONE
 State/Local On Scene: NONE
 State Agency Number: NONE

NOTIFICATIONS BY NRC

ATLANTIC STRIKE TEAM (MAIN OFFICE)
 11-AUG-09 08:23 (609)7240008
 CG INVESTIGATIVE SVC CHICAGO (CGIS RAO CHICAGO)
 11-AUG-09 08:23 (630)9862160
 CHICAGO POLICE DEPARTMENT (CHICAGO PD FUSION CENTER)
 11-AUG-09 08:23 (312)7456191
 CITY OF CHICAGO (COMMAND CENTER)
 11-AUG-09 08:23 (312)7447228
 DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
 11-AUG-09 08:23 (202)3661863
 EPA CRIMINAL INVESTIGATION DIVISION (CID REGION V)
 11-AUG-09 08:23 (312)8869872
 U.S. EPA V (MAIN OFFICE)
 11-AUG-09 08:24 (312)3532318 MARITOTE
 IL U.S. ATTORNEY'S OFFICE CENTRAL (MAIN OFFICE)
 11-AUG-09 08:23 (217)4924402
 IL DNR (MAIN OFFICE)
 11-AUG-09 08:23 (217)5577817
 IL STATE EMERG AGCY (MAIN OFFICE)
 11-AUG-09 08:23 (217)7827860
 IN STATE DEPT OF HOMELAND SECURITY (SITUATIONAL AWARENESS)

11-AUG-09 08:23 (317)2336115
IN STATE INTEL FUSION CENTER (INTEL FUSION CENTER)
11-AUG-09 08:23 (317)4088626
NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
11-AUG-09 08:23 (202)2829201
NOAA RPTS FOR IL (MAIN OFFICE)
11-AUG-09 08:23 (206)5264911
IL EPA ERT (MAIN OFFICE)
11-AUG-09 08:23 (217)7823637
IN DEPT ENV MNGMT (MAIN OFFICE)
11-AUG-09 08:23 (317)2337745
USCG DISTRICT 9 (COMMAND CENTER)
11-AUG-09 08:23 (216)9026109

ADDITIONAL INFORMATION

CALLER DID NOT HAVE ANY ADDITIONAL INFORMATION.

RESPONSE INFORMATION

*** END INCIDENT REPORT # 914495 ***

Report any problems or Fax number changes by calling 1-800-424-8802

PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

September 14, 2009

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2009-0980

NRC Incident No.: 917254

Will Co. EMA Incident No.: 090909-90201

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on September 9, 2009 to Illinois Emergency Management Agency (IEMA – Report No. 2009-980), National Response Center (NRC – Report No. 917254) and Will County Emergency Management Agency (Will Co. EMA – Report No. 090909-90201) regarding a planned maintenance event. This also satisfies Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On September 9, 2009 at 12:07 a.m., the South Plant flare gas recovery compressor (844GB-401) was shut down to perform planned maintenance and inspection of a portion of the compressor systems. Specifically, the aftercooler heat exchanger shell was replaced with using upgraded metallurgy. This shutdown was a planned maintenance activity, pursuant to Condition 7.7.5.b. of the refinery Clean Air Act Permit Program (CAAPP) permit no. 96030079 (otherwise known as "Title 5" permit).

Reliefs and purges to the flare had been minimized prior to the shutdown, and the refinery operations were held stable during the exchanger shell replacement. The work was planned so that necessary materials were available prior to the commencement of the work, and work progressed continuously throughout the shutdown.

At 9:45 p.m. on September 9, the compressor was restarted and the flaring ended; the total period of flaring was 21.63 hours.

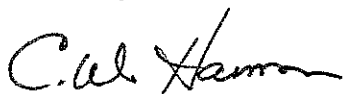
At the time of the event, it was anticipated that the reportable quantity threshold for sulfur dioxide (CAS RN = 7446-09-5) and nitrogen dioxide (NO₂, CAS RN = 10102-44) would be exceeded prior to restarting the compressor. Subsequent calculations showed the following emissions:

<i>Pollutant</i>	<i>CAS Registry No.</i>	<i>Total Amount Emitted for event (lb.)</i>
Sulfur Dioxide	7446-09-05	13,675
Nitrogen Dioxide	10102-44-0	201
Particulate Matter		0
Carbon Monoxide		1092
Organic Matter		413

There were no known off-site impacts as a result of this planned maintenance event; and there were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

March 4, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2010-182

NRC Incident No.: 932495

Will County EMA No.: 1002 269-021

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on February 26, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-182, National Response Center (NRC – Report No. 932495) and Will County Emergency Management Agency (Will Co. EMA - Report No. 1002 269-021) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On February 26, 2010 at approximately 11:45 p.m., intermittent flaring occurred when the Refinery Crude Unit (U111) experienced an unplanned shutdown due to a minor leak in the Atmospheric Column Overhead line that could not be repaired with the unit on-line.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations are in process and a supplemental follow-up letter will be submitted as soon as possible.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security & Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

March 4, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2010-184

NRC Incident No.: 932624

Will County EMA No.: 1002 28-904-01

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on February 28, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-184, National Response Center (NRC – Report No. 932624) and Will County Emergency Management Agency (Will Co. EMA - Report No. 1002 28-904-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

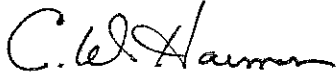
On February 28, 2010 at approximately 11:00 p.m., short intermittent flaring occurred during start-up operations at the Refinery Coker I Unit (U113). The duration of the intermittent flaring was less than 10 minutes.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were significantly below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security & Environmental

/PLM

cc: Will County EMA
IEPA - Des Plaines Office
Ray Pilapil, IEPA - Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

April 7, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2010-0313

NRC Incident No.: 935998

Will Co. EMA Incident No.: 100403-903-01

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on April 3, to Illinois Emergency Management Agency (IEMA – Report No. 2010-0313), National Response Center (NRC – Report No. 935998) and Will County Emergency Management Agency (Will Co. EMA – Report No. 100403-903-01) regarding a malfunction. This also satisfies Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On April 3, 2010 at 1:55 a.m., intermittent flaring occurred at the 844C-3 flare when the South Plant flare gas recovery compressor (844GB-401) experienced an unplanned shutdown due to a low suction pressure indication. The compressor was re-started at 3:27a.m. The compressor shut-down once more at 4:52 a.m. due to a low lube-oil pressure indication and was re-started 11 minutes later at 5:03 a.m. The total period over which 1.72 hours of intermittent flaring occurred was 3.13 hours.

The compressor's base-load (consisting primarily of purges and small intermittent reliefs) was at low levels prior to the compressor shutdown. And unit operations remained stable through the compressor re-start.

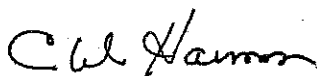
At the time of the event and notification, emissions were not known. Subsequent calculations showed the following emissions:

<i>Pollutant</i>	<i>CAS Registry No.</i>	<i>Total Amount Emitted for event (lb.)</i>
Sulfur Dioxide	7446-09-05	1376
Nitrogen Dioxide	10102-44-0	9
Particulate Matter		0
Carbon Monoxide		50
Organic Matter		19

There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
IEPA – Compliance & Systems Management, Springfield Office
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

March 12, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information
IEMA Incident No.: H2010-182
NRC Incident No.: 932495
Will County EMA No.: 1002 269-021
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on February 26, 2010 and follow-up letter (**OE 024-10**) dated March 4 to Illinois Emergency Management Agency (IEMA – Report No. H2010-182, National Response Center (NRC – Report No. 932495) and Will County Emergency Management Agency (Will Co. EMA - Report No. 1002 269-021) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On February 26, 2010 at approximately 11:45 p.m., intermittent flaring occurred when the Refinery Crude Unit (U111) experienced an unplanned shutdown due to a minor leak in the Atmospheric Column Overhead line that could not be repaired with the unit on-line.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were below the 500 lb Reportable Quantity threshold.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security & Environmental

/PLM

cc: Will County EMA
IEPA - Des Plaines Office
Ray Pilapil, IEPA - Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

April 14, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information
IEMA Incident No.: H2010-337
NRC Incident No.: 936404
Will County EMA
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on April 7, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-337, National Response Center (NRC – Report No. 936404), and Will County Emergency Management Agency (Will Co. EMA) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On April 7, 2010 at approximately 1:45 p.m., intermittent flaring occurred when the Saturated Gas Plant (Unit 217) began a unit slowdown for planned maintenance.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent emission estimates showed SO₂ emissions were below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first name "C. W." and the last name "Harmon" clearly distinguishable.

C. W. Harmon, Manager
Health, Safety, Security & Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

May 6, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information
IEMA Incident No.: H2010-0454
NRC Incident No.: 9386031
Will Co. EMA Report No.: 100429-909-1
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on April 29, 2010 to Illinois Emergency Management Agency (IEMA – Report No. 2010-0454, National Response Center (NRC – Report No. 938031) and Will County Emergency Management Agency (Will Co. EMA Report No. 100429-909-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On April 29, 2010, intermittent flaring occurred at approximately 8:20 p.m., when the UnSat Gas Plant (U212) experienced an unplanned shutdown due to a loss of power at the 12E sub-station. Flaring ended at 9:37 p.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations are on-going and will be provided in follow-up correspondence.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

May 27, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-0553
NRC Incident No.: 941348
Will Co. EMA Report No.: 100523-902-1
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on May 23, 2010 to Illinois Emergency Management Agency (IEMA – Report No. 2010-0553, National Response Center (NRC – Report No. 941348) and Will County Emergency Management Agency (Will Co. EMA Report No. 100523-902-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On May 23, 2010, intermittent flaring began at approximately 2:00 p.m., when North Plant substation 31S lost power resulting in unplanned shutdowns of numerous refinery process units. Power was re-established to the substation and units restart began. Intermittent flaring associated with the initial startups ended on May 25, 2010 at approximately 7:45 p.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations are on-going and will be provided in follow-up correspondence.

Ms. Kathy Allen
Page 2
May 27, 2010

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

June 15, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information
IEMA Incident No.: H2010-0454
NRC Incident No.: 9386031
Will Co. EMA Report No.: 100429-909-1
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on April 29, 2010 and follow-up letter (**OE 051-10**) dated May 6 to Illinois Emergency Management Agency (IEMA – Report No. 2010-0454, National Response Center (NRC – Report No. 938031) and Will County Emergency Management Agency (Will Co. EMA Report No. 100429-909-1) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On April 29, 2010, intermittent flaring occurred at approximately 8:20 p.m., when the UnSat Gas Plant (U212) experienced an unplanned shutdown due to a loss of power at the 12E sub-station. Flaring ended at 9:37 p.m.; as part of the loss of power event, excess emissions also occurred at the 121 C-train sulfur recovery unit as units came back on-line.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent calculations showed the emissions of sulfur dioxide (SO₂, CAS Registry No. 7446-09-05) to be 6,031 lb. Of this, 3,016 lb were attributed to the flaring and 3,115 lb were attributed to the Unit 121 upset.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon".

C. W. Harmon, Manager
Health, Safety, Security & Environmental

MWK/PLM

cc: Will County EMA
IEPA - Des Plaines Office
Ray Pilapil, IEPA - Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

July 1, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-0687
NRC Incident No.: 941348
Will Co. EMA Report No.: 100624-901-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on June 24, 2010 to Illinois Emergency Management Agency (IEMA – Report No. 2010-0687, National Response Center (NRC – Report No. 941348) and Will County Emergency Management Agency (Will Co. EMA Report No. 100624-901-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

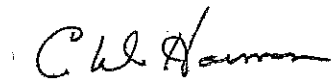
On June 24, 2010, the fuel gas system overpressured slightly during the heat of the day at approximately 2:59 p.m.. The flaring ended at approximately 3:06 p.m.

The emission rate for sulfur dioxide (CAS RN = 7446-09-5) was well below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Mgmt., Springfield
Don Klopke, IEPA – Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

July 14, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-0716
NRC Incident No.: 964785
Will Co. EMA Report No.: 100523-903-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on July 6, 2010 to Illinois Emergency Management Agency (IEMA – Report No. 2010-0716, National Response Center (NRC – Report No. 964785) and Will County Emergency Management Agency (Will Co. EMA Report No. 100706-903-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On July 6, 2010, intermittent flaring began at approximately 6:42 p.m., when Wet Gas compressor and blower went down at the Fluid Catalytic Cracking Unit (Unit 112) due to a loss power which appears to have been the result of lightning in the area.

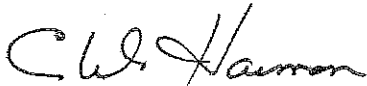
At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations are on-going and will be provided in follow-up correspondence.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

Ms. Kathy Allen
Page 2
July 14, 2010

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C. W. Harmon". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

July 22, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information

IEMA Incident No.: H2010-0759

NRC Incident No.: 147877

Lemont Refinery

CAAPP Permit No.: 96030079

Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on July 15, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-0759, National Response Center (NRC – Report No. 147877) and Will County Emergency Management Agency Will Co. EMA (no report number issued) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On July 15, 2010 intermittent flaring occurred during start-up operations at the Fluid Catalytic Cracking Unit (U112). The duration of the intermittent flaring was approximately 20 minutes.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C W Harmon".

C. W. Harmon, Manager
Health, Safety, Security & Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

July 28, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-0782
NRC Incident No.: 948475
Will Co. EMA Report No.: 100721-901-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

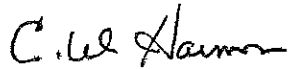
This follows up the telephone notification made on July 21, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-0782, National Response Center (NRC – Report No. 948475) and Will County Emergency Management Agency (Will Co. EMA Report No. 100721-90101) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On July 21, 2010, intermittent flaring occurred at the 844C-3 flare when the ULSD Unit 590-C1 recycle gas compressor experienced an unplanned shutdown at approximately 4:50 p.m. The unit was quickly restarted. The cause of the shutdown has not been determined. The emission rate for sulfur dioxide (CAS RN = 7446-09-5) was well below the reportable quantity.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Mgmt., Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

September 15, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: N/A
NRC Incident No.: 953411
Will Co. EMA Report No.: 100908-909-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

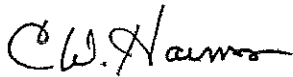
This follows up the telephone notification made on July 21, 2010 to Illinois Emergency Management Agency, National Response Center (NRC – Report No. 953411) and Will County Emergency Management Agency (Will Co. EMA Report No. 100908-909-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On September 8, 2010 at approximately 10:30 a.m., intermittent flaring began at the 844C-2 and C-3 flares, associated with the planned shutdown extended maintenance of the fluid catalytic cracking unit (FCCU) as well as other units. The intermittent flaring ended September 13, 2010 at approximately 6:00 p.m. At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. A follow-up letter will be provided at the end of the maintenance activities.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Mgmt., Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

November 2, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-1157
NRC Incident No.: 957918
Will Co. EMA Report No.: 101024-903-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on October 24, 2010 to Illinois Emergency Management Agency (IEMA – Report No. 2010-1157, National Response Center (NRC – Report No. 957918) and Will County Emergency Management Agency (Will Co. EMA Report No. 101024-903-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On October 24, 2010, intermittent flaring began at the Fluid Catalytic Cracking Unit (FCCU, U112) due to a planned unit start-up.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations are on-going and will be provided in follow-up correspondence.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

bcc: J. Cristman J. Tancredi J. Press K. Dougan



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

November 2, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-1168
NRC Incident No.: 958043
Will Co. EMA Report No.: 101026-904-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on October 26, 2010 to Illinois Emergency Management Agency (IEMA – Report No. 2010-1168, National Response Center (NRC – Report No. 958043) and Will County Emergency Management Agency (Will Co. EMA Report No. 101026-904-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On October 26, 2010, flaring occurred when a number of process units shutdown due to an electrical power blip and voltage reduction during a severe storm. The cause of the power blip is under investigation.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations are on-going and will be provided in follow-up correspondence.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

bcc: J. Cristman J. Tancredi J. Press K. Dougan



135th Street & New Avenue
Lemont, IL 60439-3659

CITGO Petroleum Corporation

November 22, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-1269
NRC Incident No.: 960148
Will Co. EMA Report No.: 10111-791-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on November 17, 2010 to Illinois Emergency Management Agency (IEMA – Report No. 2010-1269, National Response Center (NRC – Report No. 960148) and Will County Emergency Management Agency (Will Co. EMA Report No. 10111-791-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On November 17, 2010, intermittent flaring occurred for approximately one hour at the Fluid Catalytic Cracking Unit (FCCU, U112) due to a planned unit start-up. At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made.

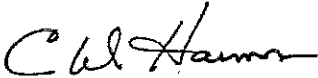
The estimated flaring emissions from the FCCU startup were:

Flare	SO ₂ (lb)
844C-2	268
844C-3	316

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



135th Street & New Avenue
Lemont, IL 60439-3659

CITGO Petroleum Corporation

December 9, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-1317
NRC Incident No.: 961488
Will Co. EMA Report No.: 101205-902-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on December 5, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-1317, National Response Center (NRC – Report No. 961488) and Will County Emergency Management Agency (Will Co. EMA Report No. 101205-902-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On December 5, 2010 at approximately 8:49 p.m. flaring occurred for 19 minutes at the C-3 flare due to an upset at the LSR Hydrotreater (U103). Subsequently at about 9:30 p.m. about 1 minute of flaring occurred at the C-4 flare during a compressor switch at the gas-oil hydrotreater (U107). At approximately 1:00 a.m. on December 6, 2010, 34 minutes of flaring occurred at the C-4 flare when one of the flare's two vent gas compressors shutdown unexpectedly. At the time of the flaring, the emission rate for sulfur dioxide (SO₂, CAS RN = 7446-09-5) was unknown, so a precautionary notification was made.

The estimated flaring emissions were well below the SO₂ reportable quantity threshold:

Flare	SO ₂ (lb)
844C-3	118
844C-4	20

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

December 15, 2010

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

**IEMA Incident No.: H2010-1332
NRC Incident No.: 961746
Will Co. EMA Report No.: 101208-903-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI**

Dear Ms. Allen:

This follows up the telephone notification made on December 8, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-1332, National Response Center (NRC – Report No. 961746) and Will County Emergency Management Agency (Will Co. EMA Report No. 101208-903-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On December 8, 2010, at approximately 3:15 p.m., flaring occurred at the C-2 flare due to an upset at the SHU/ISAL Unit (FCC Gasoline Hydrotreater, U102). The flaring ended approximately an hour later. At the time of the flaring, the emission rate for sulfur dioxide (SO₂, CAS RN = 7446-09-5) was unknown, so a precautionary notification was made.

The flaring emissions were subsequently calculated to be below the SO₂ reportable quantity threshold.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,

A handwritten signature in black ink, appearing to read "C W Harmon".

C. W. Harmon, Manager
Health, Safety, Security, and Environmental

/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 5, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2010-1405
NRC Incident No.: 963345
Will Co. EMA Report No.: 101230-901-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on December 30, 2010 to Illinois Emergency Management Agency (IEMA – Report No. H2010-1405 National Response Center (NRC – Report No. 963345) and Will County Emergency Management Agency (Will Co. EMA Report No. 101230-901-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On December 30, 2010, at approximately 4:17 a.m., flaring occurred at the C-2 flare when switching sales gas compressors in the Unsaturated Gas Plant (Unit 212). The flaring ended approximately an hour later. At the time of the flaring, the emission rate for sulfur dioxide (SO₂, CAS RN = 7446-09-5) was unknown, so a precautionary notification was made.

The flaring emissions were subsequently calculated to be below the SO₂ reportable quantity threshold.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

Ms. Kathy Allen
Page 2
January 5, 2011

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

January 6, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2011-0001
NRC Incident No.: 963463
Will Co. EMA Report No.: 110101-90101
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on January 1, 2011 to Illinois Emergency Management Agency (IEMA – Report No. 2011-0001, National Response Center (NRC – Report No. 963463) and Will County Emergency Management Agency (Will Co. EMA Report No. 110101-901-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On January 1, 2011, intermittent flaring began at the North Plant Flare (844C-1) due to a partial loss of power. Power was restored and the affected units restarted and lined out.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations indicate the emissions were below the reportable quantity for sulfur dioxide.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

Ms. Kathy Allen
Page 2
January 6, 2011

If there are questions or additional information needed at this time, please contact Matt Klickman at (630) 257-4308 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 7604

May 12, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2011-0461
NRC Incident No.: 975631
Will Co. EMA Report No.: 110508-90
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on May 8, 2011 to Illinois Emergency Management Agency (IEMA – Report No. 2011-0461, National Response Center (NRC – Report No. 975631) and Will County Emergency Management Agency (Will Co. EMA Report No. 110508-90) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On May 8, 2011, intermittent flaring began at approximately 9:46 a.m., when a slide valve system at the FCC malfunctioned resulting in an unplanned shutdown of a process unit. The slide valve hydraulic system was purged of nitrogen and the unit restart began. Intermittent flaring associated with the initial startup ended on May 8, 2011 at approximately 8:54 p.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made.

Emission calculations are on-going and will be provided in follow-up correspondence.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

BMP/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 7680

June 7, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704**Supplemental Follow-up Information**
IEMA Incident No.: H2011-0461
NRC Incident No.: 975631
Will Co. EMA Report No.: 110508-90
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on May 8, 2011 and follow-up letter (**OE 061-11**) dated May 12, 2011 to Illinois Emergency Management Agency (IEMA – Report No. 2011-0461, National Response Center (NRC – Report No. 975631) and Will County Emergency Management Agency (Will Co. EMA Report No. 110508-90) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On May 8, 2011, intermittent flaring began at approximately 9:46 a.m., when a slide valve system at the FCC unit malfunctioned resulting in an unplanned shutdown of the FCC unit. The slide valve hydraulic system was purged of nitrogen and the unit restart began. Intermittent flaring associated with the initial startup ended on May 8, 2011 at approximately 8:54 p.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Subsequent calculations showed the emissions of sulfur dioxide (SO₂, CAS Registry No. 7446-09-05) were estimated to be 3,206 lbs.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

BMP/PLM

cc: Will County EMA
IEPA - Des Plaines Office
Ray Pilapil, IEPA - Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 7697**

June 7, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2011-0572
NRC Incident No.: 978175
Will Co. EMA Report No.: 110601-90101
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on June 1, 2011 to Illinois Emergency Management Agency (IEMA – Report No. 2011-0572, National Response Center (NRC – Report No. 978175) and Will County Emergency Management Agency (Will Co. EMA Report No. 110601-90101) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.


On June 1, 2011, intermittent flaring began at approximately 7:01 p.m., as the FCC unit was shutdown to isolate the CO boiler for repairs. Intermittent flaring associated with the shutdown ended on June 1, 2011 at approximately 9:47 p.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations indicate the emissions were below the reportable quantity for sulfur dioxide.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

BMP/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office

**CITGO Petroleum Corporation**135th Street & New Avenue
Lemont, IL 60439-3659**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 7895**

July 27, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information**IEMA Incident No.: H2011-0821****NRC Incident No.: 983775****Will Co. EMA Incident No.: 110725-909-01****Lemont Refinery****CAAPP Permit No.: 96030079****Facility ID No.: 197090AAI**

Dear Ms Allen:

This follows up the telephone notification made on July 25, 2011 to Illinois Emergency Management Agency (IEMA – Report No. H2011-0821, National Response Center (NRC – Report No. 983775) and Will County Emergency Management Agency (Will Co. EMA – Report No. 110725-909-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On July 25, 2011 at 9:05 a.m., the South Plant flare gas recovery compressor (844GB-401) was shut down for planned maintenance of the compressor. This shutdown was a planned maintenance activity, pursuant to Condition 7.7.5.b. of the refinery's Clean Air Act Permit Program (CAAPP) permit no. 96030079 (otherwise known as "Title 5" permit).

Once the planned maintenance event is completed, calculations will be finalized and the additional notification required by Condition 7.7.10(b)(ii) of the CAAPP Permit will be submitted to IEPA.

There have been no known off-site impacts as a result of this incident to date. There are no anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

BMP/MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 7970**

August 15, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

IEMA Incident No.: H2011-0882
NRC Incident No.: 985696
Will Co. EMA Report No.: 1108 12-903-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on August 12, 2011 to Illinois Emergency Management Agency (IEMA – Report No. 2011-0882, National Response Center (NRC – Report No. 985696) and Will County Emergency Management Agency (Will Co. EMA Report No. 1108 12-903-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On August 12, 2011, intermittent flaring began at approximately 6:28 a.m., due to follow up to a planned maintenance outage of the flare gas recovery equipment. A packing on a cylinder piston rod needed to be replaced due to a visible leak. Intermittent flaring associated with the maintenance repair ended on August 12, 2011 at approximately 10:49 a.m.

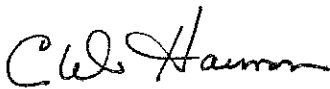
At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made.

Emission calculations are on-going and will be provided in follow-up correspondence.

There were no known off-site impacts as a result of this incident. There were no known or anticipated acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

BMP/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 8076**

September 12, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information
IEMA Incident No.: H2011-0821
NRC Incident No.: 983775
Will Co. EMA Incident No.: 110725-909-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms Allen:

This follows up the telephone notification made on July 25, 2011 and follow-up letter (**OE 097-11**) dated July 27, 2011 to the Illinois Emergency Management Agency (IEMA – Report No. H2011-0821, National Response Center (NRC – Report No. 983775) and Will County Emergency Management Agency (Will Co. EMA – Report No. 110725-909-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On July 25, 2011 at 9:05 a.m., the South Plant flare gas recovery compressor (844GB-401) was shut down for planned maintenance of the compressor. Intermittent flaring associated with the maintenance event ended on August 9, 2011 at approximately 9:04am. This shutdown was a planned maintenance activity, pursuant to Condition 7.7.5.b. of the refinery's Clean Air Act Permit Program (CAAPP) permit no. 96030079 (otherwise known as "Title 5" permit).

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-05) was unknown, so a precautionary notification was made. Subsequent calculations showed the emissions of sulfur dioxide (SO₂, CAS Registry No. 7446-09-05) were estimated to be 19,800 lbs from C-2 flare and 268,600 lbs from C-3 flare.

There were no known off-site impacts as a result of this incident. There were no known acute or chronic health risks associated with the release.

If there are questions on this information, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

BMP/MWK/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago

bcc: J. Cristman J. Tancredi K. Dougan



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 8083

September 13, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Supplemental Follow-up Information
IEMA Incident No.: H2011-0882
NRC Incident No.: 985696
Will Co. EMA Report No.: 1108 12-903-01
Lemont Refinery
CAAPP Permit No.: 96030079
Facility ID No.: 197090AAI

Dear Ms. Allen:

This follows up the telephone notification made on August 12, 2011 and follow-up letter (**OE 105-11**) dated August 15, 2011 to the Illinois Emergency Management Agency (IEMA – Report No. 2011-0882, National Response Center (NRC – Report No. 985696) and Will County Emergency Management Agency (Will Co. EMA Report No. 1108 12-903-01) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On August 12, 2011, intermittent flaring began at approximately 6:28 a.m., due to follow up to a planned maintenance outage of the flare gas recovery equipment. A packing on a cylinder piston rod needed to be replaced due to a visible leak. Intermittent flaring associated with the maintenance repair ended on August 12, 2011 at approximately 10:49 a.m.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-05) was unknown, so a precautionary notification was made.

Subsequent calculations showed the emission of sulfur dioxide (SO₂, CAS Registry No. 7446-09-05) were estimated to be 3,800 lbs.

There were no known off-site impacts as a result of this incident. There were no known acute or chronic health risks associated with the release.

If there are questions or additional information needed at this time, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon, Manager
Health, Safety, Security, and Environmental

BMP/PLM

cc: Will County EMA
IEPA – Des Plaines Office
Ray Pilapil, IEPA – Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago Office



CITGO Petroleum Corporation

135th Street & New Avenue
Lemont, IL 60439-3659

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7010 1670 0002 5138 8366**

September 16, 2011

Ms. Kathy Allen
Illinois Emergency Management Agency (IEMA)
State Emergency Response Commission
1035 Outer Park Drive
Springfield, IL 62704

Follow-up Information**IEMA Incident No.: H2011-0975****NRC Incident No.: 989411****Will Co. EMA Incident No.: 110913-90101****Lemont Refinery****CAAPP Permit No.: 96030079****Facility ID No.: 197090AAI**

Dear Ms Allen:

This is follow up to the telephone notification made on September 13, 2011 to Illinois Emergency Management Agency (IEMA – Report No. H2011-0975, National Response Center (NRC – Report No. 989411) and Will County Emergency Management Agency (Will Co. EMA – Report No. 110913-90101) regarding a potential excess emissions event. This also applies to Condition 7.7.10.b.i. of the above-referenced Clean Air Act Permit Program (CAAPP) Permit.

On September 13, 2011, intermittent flaring began at 4:50 a.m., when the South Plant flare gas recovery compressor (844GB-401) was shut down due to a piping leak in the flare knockout system. Piping was replaced with spool pieces, hydro-tested and the flare gas compressor restarted. Intermittent flaring associated with the leak ended on September 14, 2011 at approximately 10:28 pm.

At the time of the event, the emission rate for sulfur dioxide (CAS RN = 7446-09-5) was unknown, so a precautionary notification was made. Emission calculations are on-going and will be provided in follow-up correspondence.

Ms. Kathy Allen
Page 2
September 16, 2011

There are no known off-site impacts as a result of this incident. There are no anticipated acute or chronic health risks associated with the release.

If there are questions on this information, please contact Brigitte Postel at (630) 257-4221 or me at (630) 257-4450.

Sincerely,



C. W. Harmon
Manager, Health, Safety, Security, and Environmental

BMP/MWK/PLM

cc: Will County EMA
IEPA - Des Plaines Office
Ray Pilapil, IEPA - Compliance & Systems Management, Springfield
Don Klopke, IEPA - Emergency Operations Unit
Jim Entzminger, USEPA, Chicago